

# Virtual Biotechnological Lab Development

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## Abstract

© 2016, Springer Science+Business Media New York. In this paper, we describe the analysis that was made on the matter of usage of biotechnological simulations in virtual reality. We used the results to design the guide of requirements for mechanics, environment, visual, and technological aspects of development of the virtual labs especially for education problems. We also showcase our simulation of the biomedical virtual lab as an example of how described methodologies can be implemented.

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## Keywords

Education of medical workers, Medicine, v-labs, Virtual labs, Virtual simulation

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